

<p align="center"><b>NATIONAL PHASE UTILITY APPLICATION</b></p> <p align="center"><b>Transmittal to the (DO/EO/US) Under 35 USC 371</b></p>	<p>Attorney Docket No.: UCLARF.004NP <b>10/586846</b>  First Named Inventor: Verbauwhede et al  Int'l Application No.: PCT/US2005/004877  Int'l Filing Date: February 11, 2005  Priority Date Claimed: February 13, 2004  Title: LOGIC SYSTEM FOR DPA RESISTANCE AND/OR SIDE  CHANNEL ATTACH RESISTANCE  Express Mail Label No.: EV 815171445 US</p>
<p><b>Direct all correspondence to Customer No.: 20995</b></p> <p align="right">Date: July 20, 2006 Page 1 of 2</p>	

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The following enclosures are transmitted herewith to be filed in the patent application of:

**Inventors:**

1. Ingrid M. Verbauwhede
2. Kris J.V. Tiri

**APPLICATION ELEMENTS:**

- (X) This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
- (X) A copy of the International Application as filed (35 U.S.C. § 371(c)(2)) is not required, as the application was filed in the U.S. Receiving Office.
- (X) An English translation of the International Application as filed is not required.
- (X) Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) have not been and will not be made.

**OTHER APPLICATION PARTS:**

- (X) Copy of Form PCT/IB/308 in 1 page.
- (X) Cover sheet of International Application as published in 2 pages.
- (X) Foreign Search Report in 7 pages.
- (X) Return prepaid postcard.

**NATIONAL PHASE  
UTILITY APPLICATION**  
**Transmittal to the (DO/EO/US)**  
**Under 35 USC 371**

Attorney Docket No.: UCLARF.004NP  
First Named Inventor: Lee W. Henderson et al.  
Int'l Application No.: PCT/US2005/004877  
Int'l Filing Date: February 11, 2005  
Priority Date Claimed: February 13, 2004  
Title: LOGIC SYSTEM FOR DPA RESISTANCE AND/OR SIDE  
CHANNEL ATTACH RESISTANCE  
Express Mail Label No.: EV 815171445 US

APR 20 2006  
USPTO 20 JUL 2006

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Date: July 20, 2006  
Page 2 of 2

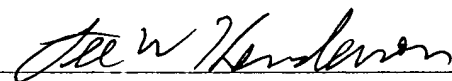
**FILING FEES:**

The present application qualifies for Small Entity Status under 37 CFR 1.27.

FEE CALCULATION				
FEE TYPE & DETERMINATION		SMALL FEE	CALCULATION	TOTAL
Basic Filing Fee under 1.492(a)		2631 (\$150)		\$150
Search Fee under 1.492(b) (enter one in TOTAL column)				
(1) USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)		2640 (\$0)		\$200
(2) USPTO was the ISA (noncompliant claims)		2641 (\$50)		
(3) Foreign Search Report Enclosed		2642 (\$200)		
(4) No Search Report Enclosed		2632 (\$250)		
Examination Fee under 1.492(c) (enter one in TOTAL column)				
(1) USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)		2643 (\$0)		\$100
(2) Non US IPEA or Noncompliant Claims		2633 (\$100)		
Excess Claims	26 - 20 = 6	2615 (\$25)	6 x 25 =	\$150
Excess Ind. Claims	16 - 3 = 13	2614 (\$100)	13 x 100 =	\$1,300
Multiple Dep. Claim		2616 (\$180)		\$0
Application Size Fee	0 - 100 = 0	2681 (\$125)	0 x 125 =	\$0
Late English Translation		1618 (\$)		
Assignment		8021 (\$40)	0 x 40 =	\$0
			<b>TOTAL FEE DUE</b>	<b>\$1,900</b>
<b>TOTAL FEE PAID (If Different Than Fee Due)</b>				<b>\$1,900</b>

(X) A check in the amount of **\$1,900** to cover the Total Fee Due is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.

  
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AP20 Rec'd PCT/PTO 20 JUL 2006

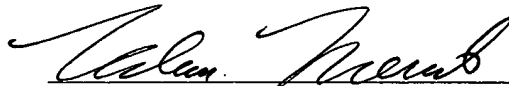
### CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. : UCLARF.004NP  
Applicant(s) : Verbauwhede et al.  
For : LOGIC SYSTEM FOR DPA RESISTANCE  
AND/OR SIDE CHANNEL ATTACH  
RESISTANCE  
Attorney : Lee W. Henderson Ph.D.  
"Express Mail" Label No. : EV 815171445 US  
Date of Deposit : July 20, 2006

I hereby certify that the accompanying

Transmittal letter; Copy of Form PCT/IB/308 in 1 page; Cover sheet of  
International Application as published in 2 pages; Foreign Search Report in 7  
pages; Check for Filing Fees; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to  
Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the  
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